

**YAKAMA NATION HUMAN RESOURCES DEPARTMENT
JOB ANNOUNCEMENT**



Announcement # 2015-050 **Issue Date:** 04-24-15 **Closing Date:** 05-14-15

2nd Advertisement
Geographic Information Systems Specialist
Water Resources
Department of Natural Resources
Hourly Wage: \$15.29/Regular/Part-Time

The Geographic Information Systems (GIS) Specialist will work with related software and programs to create and maintain data and/or maps that can be combined with geographically referenced data. The specialist will be responsible for coordinating geographic database management activities within the Water Resources Program. Will be actively involved in the development, maintenance and administration of the GIS system within the program. Specialist will work closely with personnel of diverse professional backgrounds to help them in developing GIS applications that are specific to their professional areas. The specialist will also conduct local hands-on training for tribal GIS users on limited topics that are about their current needs and activities, such as: data entry and basic data manipulation techniques. The specialist will conduct activities related to technical database development, such as, database design and modification, data entry, analysis and display and will also be responsible for limited technology support of program computer network and provide general program technology support.

Knowledge, Skills and Abilities:

- Knowledge of the various methods for describing the location and distribution of geographic features, including their physical locations, relationships and characteristics.
- Knowledge of the theoretical and practical application of Geographic Information Systems in natural resources management.
- Knowledge of maps and map reading, including different types of projections, coordinate systems, scale, spatial data representation and symbolization.
- Knowledge of principles, practices, terminology and trends in GIS usage as applied to government organizations.
- Skill and proficiency in using ARC GIS and its modules.
- Ability to demonstrate experience in computer networking.
- Ability to use standard database management software.
- Ability to work productively with people of diverse cultural and educational backgrounds.
- Ability to learn to use new software and hardware and to devise and learn new ways to accomplish tasks.
- Ability to work independently on complex projects.
- Ability to convey GIS/spatial information to non-GIS/technical people through written, oral and cartographic communication.
- Ability to demonstrate understanding of GIS data structures (vector and raster), operations and analysis and data output (maps, tables, measurements, statistics, etc.).
- Ability to make sound decisions in a manner consistent with the essential job functions.
- Ability to work standard workday hours in front of a computer screen.
- Ability to perform light field duty to collect spatial data.

General Recruiting Indicators:

- Minimum of a Bachelor's Degree with an emphasis on GIS or Computer Science or an Associate of Arts Degree with GIS Certification from an accredited college or university AND at least three years of increasingly responsible experience in Information Technology.

Special Requirements:

- Required to pass a pre-employment drug and alcohol test.
- Required to pass a pre-employment background check.